

## AMENDMENTS TO THE CLAIMS

Cancel claims 11-19 without prejudice.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for transaction management and processing in a trading environment comprising:

- providing an Order Management System for receiving Orders;
- processing Orders, by way of said Order Management System, whereby processing

Orders further comprising the step of[;]:

- providing each of the Orders with a respective session;

- providing Orders from an Order Management System to an Exchange; and,
- providing transaction information for Orders from an Exchange to an Order Management System; and

whereby said Order Management System comprises components selected from the group comprising[;]: at least two cooperating services, in-memory cache, and client API.

2. (original) A method as in claim 1 wherein the step of providing an Order Management System for receiving Orders further comprises providing said Order Management System in a distributed computing environment.

3. (original) A method as in claim 1 wherein the step of providing an Order Management System for receiving Orders further comprises providing said Order Management System in a multi-threaded implementation.

4. (original) A method as in claim 1 wherein said components are, at least in part, written in C++.

5. (currently amended) A method for order processing comprising:
  - accepting ~~an Order~~ a plurality of Orders through a client API;
  - providing, from said client API, said Orders to a Session Manager;
  - providing a respective session for each one of said Orders;
  - transmitting said Orders from said Session Manager to an Entry Service; and,
  - attempting to Validate said Orders through a Validation Service.
6. (currently amended) A method as in claim 5 further comprising the step of failing to Validate said Orders.
7. (currently amended) A method as in claim 5 further comprising the steps of:
  - validating said Orders;
  - notifying an Entry Service through said Validation Service;
  - transmitting said Orders from said Entry Service to a Transaction Service; and
  - creating an Object for each one of said Orders.
8. (currently amended) A method as in claim 7 wherein the step of creating an Object for each one of said Orders comprises creating an Order Object.
9. (currently amended) A method as in claim 7 wherein the step of creating an Object for each one of said Orders comprises creating an Execution Object.
10. (currently amended) A method as in claim 7 further comprising the step of:
  - transmitting said Object to a Collection Service;
  - transmitting said Object to a Notification Service; and,
  - transmitting said Orders to a Client API.
11. (canceled)
12. (canceled)

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17. (canceled)

18. (canceled)

19. (canceled)